

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,150,147 B2
APPLICATION NO. : 10/540529
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INVENTOR(S) : Kiyohito Murata

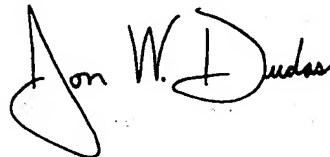
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item (73) after "Toyota Jidosha Kabushiki Kaisha" insert --Toyota-shi,--.

Signed and Sealed this

Twenty-ninth Day of May, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office